

Amendments to the Abstract:

Please replace the Abstract with the following amended Abstract:

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A ~~[The invention relates to a]~~ method and system of forming an X-ray layer image of an object ~~[(9) to be]~~ being examined by ~~[means of]~~ an X-ray device having ~~[which includes]~~ an X-ray source ~~[(2)]~~ and an X-ray detector ~~[(3)]~~; is described. At least one of the X-ray source ~~[(2)]~~ and the X-ray detector ~~[(3) are]~~ can be displaced in an angular range ~~[(14)]~~ around the object ~~[(9) to be examined]~~ in order that ~~[to acquire]~~ X-ray projection images are acquired from different directions. When forming only a single X-ray layer image ~~[is to be formed]~~, or a plurality of X-ray layer images of parallel layers ~~[(S1, S2)]~~ of the object ~~[(9) to be examined]~~, ~~[in accordance with the invention it is possible to reduce the expenditure required, notably]~~ the time required for the acquisition of the X-ray projection images~~[;]~~ is notably reduced by forming the X-ray layer image directly from the X-ray projection images, where the resulting X-ray layer image is ~~[being]~~ situated in a plane which extends essentially perpendicularly to the bisector ~~[(20)]~~ of the angular range of displacement. ~~[(14), the]~~ The angular range of displacement can be ~~[(14) amounting to]~~ less than 180°. The system and method is ~~[invention also relates to a corresponding X-ray device,]~~ notably applicable to a C-arm X-ray device~~[The]~~, in which the angular range ~~[(14)]~~ can ~~[then]~~ be chosen at will ~~[in the C-arm]~~.